

Platinum Metal Skin™ Smart Label

Enable metal and liquid item-level tracking for inventory accuracy, supply chain visibility and better customer experience

Xerafy's Platinum Metal Skin™ UHF RFID smart label offers a high performance yet cost-effective solution for tagging metal- and liquid-filled items. Manufacturers and retailers who have increased operational efficiency and tightened inventory accuracy with the use of RFID can now extend to more product categories including housewares, electronic equipment and cosmetics with Xerafy Metal Skin™ smart label.



Features:

- Enable inventory accuracy for metallic and liquid-filled assets
- Easily print and encode with standard RFID printers
- Cost effective, even for retail supply chain
- Easy to use and quick to apply on different surfaces
- Compact form factor at 2.28 by 0.75 inches (58 x 19 mm)





Specially designed to meet the unique requirements of the industry, the Platinum Metal Skin™ is an economical, easy to use, high performance UHF RFID smart label with a low profile and compact aesthetic face stock that can incorporate human readable printing, barcodes and graphics, and is flexible to fit curved surfaces such as metal containers, cans and lotion bottles.

Compliant with EPCglobal UHF Gen2 and ISO 18000-6C standards, Platinum Metal Skin™ is designed to work well with existing equipment for label printing and encoding and integrates seamlessly into existing business programs from pilots to implementation. Companies can now create metal smart labels on demand to extend RFID item management to more of their merchandise and assets.

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The Platinum Metal Skin™ is a high performance RFID metal smart label that is light weight, flexible and easy to use for item-level tagging of metallic and liquid properties.



Applications:

- Housewares
- Electronic equipment, computer and laptops
- Cosmetics and fragrances
- Foil-based packaging

Specifications:

EPC Class 1 Gen2, ISO 18000-6C	128 bits user memory, 128 bits EPC, 96 bits TID
IC type	Alien higgs4
Frequency:	902-928 MHz (US); 865-868 MHz (EU)
Read range on metal (2W ERP):	Up to 6.6 ft (2 m)
Read range off metal (2W ERP):	Up to 3.9 ft (1.2 m)
Read range on liquid (2W ERP):	Up to 3.9 ft (1.2 m)
Operating temperature:	-40°F to +185°F (-40°C to +85°C)
Application temperature:	-40°F to +185°F (-40°C to +85°C)
Dimensions / tolerance (mm)	58 (+/- 0.5) x 19 (+/- 0.5) x 0.8 (+/- 0.1)
Dimensions / tolerance (in)	2.28 (+/- 0.02) x 0.75 (+/- 0.02) x 0.03 (+/- 0.004)
Facestock Material	PET
Smart label adhesive	High performance adhesive (tesa® 04972)
Quantity per reel:	1000
Label Pitch	1.38 in (34.93 mm)
Compliance:	RoHS, CE
Weight (piece)	0.053 oz (1.5 g)
Weight (reel)	3.53 lbs (1.6 kg)
Printer compatibility	Zebra RZ400/R110Xi4, SATO CL4NX, TOSHIBA B-SX4T/XS5T